

AMERICAN SECTION  
OF THE  
INTERNATIONAL ASSOCIATION FOR  
TESTING MATERIALS.

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BULLETIN No. 1.

APRIL, 1899.

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OFFICE OF SECRETARY OF AMERICAN SECTION,  
TESTING LABORATORY, CITY HALL,  
PHILADELPHIA, PA.

The Executive Committee has authorized the publication of the following abstracts of the minutes of meetings. Special attention is called to the announcement, given on page 7, of the Second Annual meeting, which is to be held in Pittsburg, Pa., on August 15 and 16, 1899.

A pamphlet containing statutes and by-laws, and lists of officers, committees and members, was issued on February 18, 1899. Additional copies, together with blank forms of application for membership may be obtained by addressing the Secretary,

RICHARD L. HUMPHREY,  
Secretary.

ORGANIZATION MEETING, JUNE 16, 1898.

In response to a circular issued by Mr. Gus. C. Henning, American member of the Council of the International Association for Testing Materials, about twenty members assembled at the Engineers' Club in Philadelphia at 8 P. M., on June 16, 1898.

The meeting was called to order by Mr. Henning, who presented a letter from the International Council authorizing him to take measures to effect an organization of the American members. He also read a report of the International Council stating what had been accomplished since the Congress held at Stockholm in 1897.

After discussion the meeting resolved to form an American Section of the International Association, and organized by the election of the following officers;

Chairman, Prof. Mansfield Merriman.  
 Vice-Chairman, Prof. Henry M. Howe.  
 Secretary, Mr. Richard L. Humphrey.  
 Treasurer, Mr. Paul Kreuzpointner.

These officers, together with Mr. Gus. C. Henning, the American member of the International Council, were appointed an Executive Committee with full power to designate the American representatives for all the International Committees on technical problems.

Prof. Henry M. Howe and Dr. Richard G. G. Moldenke were elected members of the International Advisory Council.

The chairman was authorized to call a meeting in August for the purpose of completing the permanent organization by the adoption of by-laws, and the Executive Committee was requested to prepare a draft of by-laws for presentation at that meeting.

#### MEETING OF EXECUTIVE COMMITTEE, JUNE 25, 1898.

The first meeting of the Executive Committee was held at the Engineers' Club, Philadelphia, Pa., June 25, 1898, at 3.40 P. M. There were present Messrs. Merriman, Henning and Humphrey.

The Secretary presented a draft of the proposed by-laws, which were adopted after careful revision.

The Secretary was instructed to prepare and send to each member of the American Section a circular containing a brief history of the International Association, an abstract of the proceedings of the meetings of the American Section and its Executive Committee, a list of the members of the American Section, and a copy of the statutes of the International Association and the proposed by-laws of the American Section.

The letters which had been received from Messrs. Hanisch and Berger, Chairmen of International Committees Nos. 7 and 9, requesting the names of the American representatives on these Committees, were considered and Prof. Mansfield Merriman was appointed on Committee No. 7 and Dr. Charles F. McKenna and Mr. William W. Maclay on Committee No. 9.

Dr. Charles B. Dudley was appointed to act conjointly with Prof. Henry M. Howe as American representatives on the Sidero-Chemical Laboratory.

The meeting adjourned after passing a vote of thanks to the officers of the Engineers' Club for the use of their rooms.

**MEETING OF EXECUTIVE COMMITTEE,  
JULY 30, 1898.**

The Executive Committee met at the Engineers' Club, Philadelphia, July 30, 1898, at 3.20 P. M. Present Messrs. Merriman, Henning and Humphrey.

It was decided to hold the first annual meeting of the American Section at the Engineers' Club, Philadelphia, Pa., on August 27, 1898, and the following program was adopted:

**Afternoon Session, 3 P. M.**

1. Reading minutes of the meeting of June 16, 1898.
2. Adoption of by-laws.
3. Announcement of appointments.
4. Other business.

Recess.

5. Dinner at the Hotel Lafayette.

**Evening Session, 8 P. M.**

6. Unfinished business.
7. Discussion, "Relation of the International Association to Producers and Consumers," to be opened by Dr. Charles B. Dudley and Mr. William R. Webster.
8. Discussion, "In what Manner will the Adoption of Standard Specifications Improve Industrial Methods and Processes," to be opened by Mr. Gus. C. Henning and Prof. Rolla C. Carpenter.
9. Miscellaneous discussions.

The committee also adopted the following form of application for membership.

**International Association for Testing Materials.  
American Section.**

The undersigned assumes membership in the International Association for Testing Materials, and agrees to be governed by its Statutes and By-Laws and to further its objects as laid down therein.

Dated..... 189

Signature .....

Occupation .....

Official Title .....

P. O. Address.....

Recommended by.....

(two members) .....

The following appointments were made on the various International Committees:

- Problem 1. A. S. Vogt, H. H. Campbell.
- Problem 2. Booth, Garrett and Blair, Gus. C. Henning, Thomas Gray, Paul Kreuzpointner, A. A. Stevenson, William R. Webster.
- Problem 3. George W. Bissell.
- Problem 4. Monongahela Iron and Steel Co.
- Problem 5. Max. H. Wickhorst.
- Problem 6. Albert Sauveur.
- Problem 8. Richard L. Humphrey, W. W. Maclay.
- Problem 10. Booth, Garrett and Blair.
- Problem 13. Richard L. Humphrey.
- Problem 18. George S. Morison, H. B. Seaman, J. A. L. Waddell.
- Problem 19. Robert H. Thurston.
- Problem 20. John B. Johnson.

#### FIRST ANNUAL MEETING, AUGUST 27, 1898.

The first annual meeting of the American Section of the International Association for Testing Materials was held at the Engineers' Club, Philadelphia, Pa., August 27, 1898.

The afternoon session was called to order at 3.30 P. M., by the Chairman, Prof. Mansfield Merriman, with Richard L. Humphrey as Secretary.

Minutes of the meeting of June 16, 1898, were read and approved.

After a few minor changes the by-laws proposed by the Executive Committee were adopted.

The problems to be considered by International Committees were considered, the members making suggestions as to the proper American representatives.

Dr. Richard G. G. Moldenke thought the subject of Cast Iron should be considered by an International Committee.

The Chair requested Dr. Moldenke to present this subject for consideration at the evening session, embodying it in the shape of a resolution.

Inquiry by Prof. W. K. Hatt developed considerable discussion as to the present status of Impact Tests, and, on motion, the Chair was authorized to appoint a committee of three members of the American Section to report at the next annual meeting on the present state of knowledge of Impact Tests.

The meeting then took a recess. During the intermission the members dined at the Hotel Lafayette.

The evening session was called to order at 8.45 P. M.

Dr. Moldenke offered the following resolution:

Resolved, "That the Council of the International Association be requested to appoint a committee to investigate methods of testing cast iron." This resolution was unanimously adopted.

Mr. William R. Webster, in the unavoidable absence of Dr. Charles B. Dudley, opened the discussion on the subject, "The Relation of the International Association to Producers and Consumers," and was followed by Messrs. White, Moldenke, Kreuzpointner, Wille, Lesley, Whitney and Henning.

Mr. Henning opened the discussion of the subject "In what Manner will the Adoption of Standard Specifications Improve Industrial Methods and Processes." Messrs. Lesley, Humphrey, Davies, Kreuzpointner, Marburg and Hatt took part in the discussion which followed.

#### MEETING OF EXECUTIVE COMMITTEE, AUGUST 27, 1898.

A meeting of the Executive Committee was held August 27, 1898, at the Engineers' Club, Philadelphia, Pa. Present, Messrs. Merri-  
man, Henning, Kreuzpointer and Humphrey.

The following appointments on special committees were made:

Problem 1. William R. Webster.

Problem 4. Bethlehem Iron Co.

Problem 19. Charles B. Dudley.

On the Present State of Knowledge of Impact Tests. William K. Hatt, Edgar Marburg.

#### MEETING OF EXECUTIVE COMMITTEE, JANUARY 18, 1899.

On January 18, 1899, at 3.35 P. M., Executive Committee met at the House of the American Society of Civil Engineers, 220 W. 57th St., New York. Present, Messrs. Merriman, Howe, Henning and Humphrey.

The Committee made the following additional appointments on International Committees:

Problem 4. H. V. Wille.

Problem 5. H. V. Wills.

Problem 7 a. James F. Kemp.

Problem 10. James M. Porter.

Problem 11. Andreas Lundteigen, Jasper Whiting.

Problem 12. Spencer B. Newberry, Clifford Richardson.

Problem 16. A. W. Dow, Lathbury & Spackman.

Problem 17. Frank A. Barbour.

Problem 18. Frank C. Osborn, A. H. Sabin.

On recommendation of the Secretary the following American Committees were created:

(2) "On the Application and Specifications of Basic Open Hearth Steel for Bridges, and Bessemer Steel for Rails."

(3) "On Proper Heat Treatment for all Grades of Iron and Steel, Especially in Rolling and Forging."

(4) "On the Relation Between the Chemical Composition and the Physical Properties of Iron and Steel, Especially in Connection with Finishing Temperatures."

The following were appointed on these committees, and were authorized to select other members from engineers, consumers and manufacturers, subject to the approval of the Chairman and Secretary of the American Section.

Committee (2) A. A. Stevenson, Carnegie Steel Company.

Committee (3) Henry M. Howe, Albert Sauveur.

Committee (4) H. H. Campbell, William R. Webster.

The Committee approved the action of the Secretary in issuing a pamphlet to contain the list of officers of the International Association, the list of officers and members of the American Section, the statutes and by-laws, a brief historical sketch, and a list of the American and International Committees.

The Committee decided that the dues of the American Section shall be payable on the first of January of each year.

It was also decided to hold the annual meeting at about the time of the Columbus meeting of the American Association for the Advancement of Science, and the Secretary was given full power to make the necessary arrangements for the program and all matters relating thereto.

#### MEETING OF EXECUTIVE COMMITTEE, FEBRUARY 22, 1899.

The Executive Committee met in Packer Hall,, Lehigh University, South Bethlehem, Pa., on February 22, 1899, at 2.30 P. M.

Present, Messrs. Merriman, Henning, Kreuzpointner and Humphrey.

The Committee decided that the American Committees shall hereafter be designated by the letters of the alphabet.

The Committee also confirmed the following additions to the membership of International and American Committees:

Committee No. 1. H. H. Campbell.

Committee No. 7 a. James F. Kemp.

Committee B. George F. Swain.

Committee D. James M. Porter.

The following resolutions governing the organization of the American members of International Committees were approved:

"Resolved, That the American representatives of each International Committee shall constitute a sub-committee of such International Committee, and that each sub-committee shall organize by the election of a chairman and secretary through whom all business connected with the sub-committee shall be transacted.

"It is further resolved, That each sub-committee is authorized to increase its membership when deemed necessary, such increase to be subject to the approval of the Executive Committee of the American Section."

It was also decided that these resolutions shall apply to the special American Committees.

The Secretary was instructed to send to each member of the American Section an abstract of the minutes of the meetings of the American Section and its Executive Committee.

The Committee decided to hold the next annual meeting at Pittsburg, Pa., on Tuesday and Wednesday, August 15 and 16, 1899, and to issue the program in the first week of July.

## SECOND ANNUAL MEETING.

The second annual meeting of the American Section will be held at Pittsburg, Pa., on Tuesday and Wednesday, August 15 and 16, 1899.

Three sessions will be held and the program will include an address by the Chairman, reports of officers and committees, papers by members and topical discussions.

Opportunity will be afforded to visit testing laboratories and industrial establishments.

The complete program for this meeting will be issued about the first of July.

## LIST OF MEMBERS.

### CORRECTIONS.

- BENNEVILLE, JAMES S. DE**, Analytical Chemist,  
University Club, 1510 Walnut Street, Philadelphia, Pa.
- CARTER, OBERLIN M.**, Civil and Military Engineer,  
Captain, Corps of Engineers, U. S. A., New York Athletic Club,  
New York, N. Y.
- HOWE, HENRY M.**, Metallurgist,  
Professor Metallurgy, Columbia University, 27 West Seventy-third  
Street, New York, N. Y.
- NEALE, JAMES**,  
Secretary Wayne Iron Works, Pittsburg, Pa.

## ADDITIONS.

<b>BROWN, WILLIAM,</b> Superintendent of Steel Plant and Engineer of Tests, Phoenix Iron Works, Phoenixville, Pa.....	April, 1899
<b>BROADHURST, W. H.,</b> Chemist, Department of Highways, Testing Labor- atory, Municipal Building, Brooklyn, N. Y.....	March, 1899
<b>BURR, WILLIAM H.,</b> Civil Engineer, Professor of Civil Engineering, Columbia Univer- sity, New York, N. Y.....	April, 1899
<b>CAMBRIA IRON COMPANY,</b> Charles S. Price, General Manager, Johnstown, Pa..	March, 1899.
<b>CARHART, P. E.,</b> Inspecting and Testing Engineer, Illinois Steel Com- pany, Chicago, Ill. ....	March, 1899
<b>COLBY, J. ALLEN,</b> Inspecting Engineer, Girard Building, Philadelphia, Pa. ....	April, 1899
<b>CRUIKSHANK, BARTON,</b> Director Clarkson School of Technology, Potsdam, N. Y. ....	March, 1899
<b>DEANS, JOHN STERLING,</b> Bridge Engineer, Phoenix Bridge Company, Phoenixville, Pa.....	March, 1899
<b>FLAGG, STANLEY G. JR.,</b> Stanley G. Flagg & Company, Nineteenth Street and Pennsylvania avenue, Philadelphia, Pa.....	March, 1899
<b>GOLDSBOROUGH, W. E.</b> Electrical Engineer, Professor Electrical Engineering, Director Electri- cal Laboratory, Purdue University, 618 South Street, Lafayette, Ind. ....	Feb., 1899
<b>GWILLIAM, GEORGE T.,</b> Civil Engineer, Manager McClave Brooks Company, Bourse Build- ing, Philadelphia, Pa. ....	March, 1899
<b>ROBERT W. HUNT AND COMPANY,</b> Inspecting and Testing Engineers, 1121 The Rookery, Chicago, Ill.....	April, 1899
<b>HUSTON, CHARLES L.,</b> Vice-President Lukens Iron and Steel Company, Coatesville, Pa. ....	March, 1899
<b>JONES AND LAUGHLINS, LTD.,</b> Iron and Steel Manufactur- ers, Pittsburg, Pa. ....	April, 1899
<b>KENNEDY, FRANK G. JR.,</b> Superintendent Logan Iron and Steel Company, Burnham, Mifflin County, Pa.....	March, 1899
<b>KENNEDY, JULIAN,</b> Mechanical Engineer, Consulting Engineer Latrobe Company, Pittsburg, Pa. ....	Jan., 1899
<b>KING, WILLIS L.,</b> Manufacturer of Steel, Secretary, Jones & Laughlins, Ltd., Pittsburg, Pa..	March, 1899
<b>THE COLORADO FUEL AND IRON COMPANY,</b> Iron and Steel Manufacturers, J. A. Kebler, Second Vice-President and General Manager, Boston Building, Denver, Colorado ....	March, 1899
<b>WAGNER, SAMUEL TOBIAS,</b> Civil Engineer, First Assistant Engineer, Pennsylvania Ave. Sub- way and Tunnel, City Hall, Philadelphia, Pa.....	March, 1899